

E SCIENCE SKILL Using Numbers to Compare

Look at the chart to the right. It shows the melting points of different metals. Use the numbers in the chart to answer the questions.

Using Numbers to Compare

✓ You can use math to compare numbers in a table.

1. Which two metals have the lowest melting points?

2. How much higher than the melting point of aluminum is the melting point of iron?

3. How much lower is the melting point of silver than the melting point of gold?

Metal	Melting point
Aluminum	660°C
Gold	1,063°C
Iron	1,593°C
Lead	327°C
Silver	961°C
Tin	232°C

F MASS, VOLUME, AND DENSITY

Pairwork

Work with a partner. Use a balance to find the mass of a wooden or plastic block. Then use a metric ruler to measure the length, width, and height of the block in centimeters. Multiply length \times width \times height to find the volume of the block in cubic centimeters. Finally divide the block's mass by its volume to find the density. Record your information in the chart.

Mass of block	
Volume of block ($L \times W \times H$)	
Density of block ($M \div V$)	

G WRITING Analyzing Evidence

Juan poured three liquids into a beaker. The liquids formed three layers like the ones in the picture. What did his results tell him about the densities of the three liquids? Write a paragraph.

Analyzing Evidence

✓ Study all the facts to learn something.

